L27 ANSWER 29 OF 48 CAPLUS COPYRIGHT 2003 ACS
AN 1986:573792 CAPLUS Full-text
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TI **Stabilization** of polypropropylene, polyethylene, polystyrene and poly(**vinyl chloride**) to light
IN Svorcik, Vaclav; Vymazal, Zdenek; Vymazalova, Zdena; Kralicek, Jaroslav
PA Vysoka Skola Chemicko-Technologicka, Czech.
SO Ger. Offen., 6 pp.
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DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3545476	A1	19860703	DE 1985-3545476	19851220
	CS 253651	B1	19871217	CS 1984-10643	19841229
	DD 261060	A3	19881019	DD 1985-281581	19851210
	NL 8503495	A	19860716	NL 1985-3495	19851219
	GB 2169298	A1	19860709	GB 1985-31748	19851224
	GB 2169298	B2	19881012		
	FR 2575481	A3	19860704	FR 1985-19311	19851227
	FR 2575481	B3	19870206		
	HU 39757	A2	19861029	HU 1985-5014	19851228
	HU 196836	B	19890130		
PRAI	CS 1984-10643		19841229		

AB Secondary alcs. which have a b.p. above the polymer processing temperature (1,2-propanediol, 1,4-pentanediol, 4-undecanol, dipropylene glycol and 2,9-decanediol) are used as light stabilizers (0.1-5 phr) for polypropylene, polyethylene, polystyrene, and **vinyl chloride** polymers. Thus, 100 parts poly(**vinyl chloride**) was mixed with 1 part 1,4-pentanediol at 160° for 2 min. For a 100-μ-thick film , the content of CO groups increased 10-fold after 550 h light exposure; vs. 300 h for an alc.-free film.

IT **57-55-6**, uses and miscellaneous
RL: USES (Uses)
(light **stabilizer**, for polymers)

IT **9002-86-2**
RL: USES (Uses)
(light stabilizers for, secondary alcs. as)